

Peak District National Park

Forecast valid from 00:00 on Friday 28 Jan 2022 until 23:59 on Saturday 29 Jan 2022

Forecast Issued on Thursday 27 Jan 2022 at 13:19

Confidence: High for changeable, and often windy, conditions throughout the period. Lower confidence for track and timings of weather systems moving east over the United Kingdom.

Headline for Friday 28 Jan 2022: Mainly dry but low cloud increasing and winds becoming strong on the tops.

Mountain weather hazards on Friday 28 Jan 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Cloudy	Cloudy	Mist	Drizzle
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	10%	20%	40%

Forecast for Friday 28 Jan 2022

Weather: Dry with clear spells and patchy fog and frost in the early hours. A bright start then cloud will increase through the morning. Outbreaks of light rain or drizzle developing through the afternoon and evening with some fog on the tops, mainly in the west. Feeling cold with strengthening winds.

Chance of cloud-free hill tops above 600m: 60% in the morning becoming 30% in the afternoon, best chance in the east.

Low cloud and visibility: Patchy fog down to valley level at first. Patchy fog developing above 500 or 600m, mainly over northwestern hills. Away from cloud, mainly good in the morning but becoming hazy through the afternoon. Cloud lowering to 300 or 400m in the evening.

Forecast for Friday 28 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 W	11/14 SW	14/19 SW	19/26 SW	25/33 SW	27/35 SW	28/38 SW	29/39 W	33/45 W
300	7/10 SW	8/11 SW	8/12 SW	11/20 SW	17/24 SW	18/27 SW	20/30 SW	21/31 W	24/36 W
Valley	3/8 SW	3/9 SW	3/10 SW	6/18 SW	10/22 SW	11/25 SW	11/26 SW	13/29 W	17/35 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	2/-3	2/-3	2/-4	3/-4	4/-2	5/-1	6/0	7/1
300	4/1	4/0	3/0	4/-0	5/1	6/2	7/3	8/4	9/5
Valley	4/2	3/2	3/2	3/1	6/2	7/4	7/4	8/5	9/6
Freezing Level*	900m	900m	900m	900m	1100m	1500m	1700m	2200m	2100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling cold on the tops, especially as winds strengthen through the afternoon and evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 27 Jan 2022	6.8mm	7mm	7.2mm

Forecast for Saturday 29 Jan 2022

Weather: Cloudy overnight and morning with outbreaks of rain. Becoming drier and brighter from the northwest with sunny spells in the afternoon. Very windy with difficult conditions in the morning but easing through the afternoon. Feeling very cold in the wind.

Maximum wind: West or Northwest 35-45mph with gusts 60mph in the morning, gradually easing to 20-30mph, gusts 45mph in the afternoon.

Chance of cloud-free hill tops above 600m: 20% in morning, becoming 95% during the afternoon.

Low cloud and visibility: Extensive cloud above 400 or 500m in the morning with patches on lower slopes. Rather hazy below the cloud. Cloud will lift and break to leave excellent visibility in the afternoon.

Temperature: **Valleys:** Plus 9 Celsius in morning, falling to 6 or 7 Celsius in afternoon.
At 600m: Plus 6 Celsius, falling to Plus 1 Celsius in evening.
Freezing level: Above summits, lowering to 600m in evening.